

Recessed luminaire - Micro-prismatic diffuser - direct distribution

Suitable for ceilings with visible T-bars; flat aluminium frame, powered white; steel plate housing; Housing colour traffic white RAL 9016; LED backlight light technology, Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA, non-yellowing pane and single lenses. Suitable for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.9. Including a multi-lumen driver with 8 settable light outputs; Flicker $< 5\%$; Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation. Protection rating: IP20/IP40 room-side. Accessories: please order the installation frame 60110003100 for installation in cut-out ceilings, the frame 60110005100 for ceiling surface-mounting and feed-through wiring box DV-BOX ET for convenient connection to the control gear separately. Further operating data can be found in the operating instructions.

CHARACTERISTICS

Order number	60113034150
EAN number	4020863422272
Commodity code	94051190
Certification mark	IP 40/20, Protection class II, $\gamma 65^\circ < 3000 \text{ cd/m}^2$, F, Indoor, CE
Impact resistance (IK rating)	IK02 (-10°C bis 35°C)
Ambient temperatur	$t_a -10^\circ\text{C}$ to 35°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

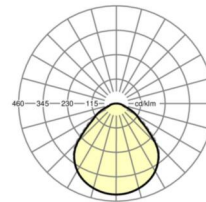
Controller	Electronic multi-lumen driver, 8-steps (1 pcs.)
System output	39W-30W
Mains voltage	230V/50Hz
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

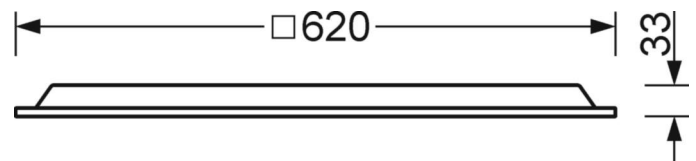
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux/switching steps	4800lm/39W, 4500lm/37W, 4400lm/36W, 4200lm/34W, 4000lm/32W, 3800lm/30W, 3600lm/28W, 3300lm/26W (Standard setting 4200lm)
LED service life	50000h L80/B10 ($T_q 35^\circ\text{C}$ /do not cover with insulation wool)
Luminaire luminous efficiency	127lm/W-122lm/W
UGR lat./long.	18.9 / 18.9 (39W)

DEEP-LINK

<https://www.regiolum.de/en/article/60113034150>



Reference	LED 4800lm/39W 830
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	18.9 / 18.9
VDU	$65^\circ < 3000 \text{ cd/m}^2$



MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	620mm x 620mm x 33mm
Depth	33mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x625 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	648mm x 648mm (when using accessory mounting frame)
Installation depth	145mm [AD]; 145mm [s-TS]; 115mm [s-TS] min
Weight (net)	2.36kg
Type of installation	Recessed mounting, Ceiling installation individual mounting, Ceiling-mounted single installation

Dimensions

L	620 mm	Length
B	620 mm	Width
H	33 mm	Height
T	33 mm	Depth
DA(L)	648 mm	Cutting dimension length
DA(B)	648 mm	Cutting dimension width
Et(min)	115 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
Et(AD)	145 mm	Ceiling distance minimum (cut-out ceiling)
Et(TS)	145 mm	Ceiling distance minimum - recommended (visible T-rail)
MLTS1	625 mm	Module dimension length (visible T-rail)
MLTS_1/2	625	Module dimension length (visible T-rail) 1/2
MBTS1	625 mm	Module dimension width (visible T-rail)
MBTS_1/2	625	Module dimension width (visible T-rail) 1/2
KL	144 mm	Length luminaire head or box for ballasts
KB	42 mm	Width luminaire head or box for ballasts
KH	29 mm	Height luminaire head or box for ballasts

